

DOCKET NO.: FCI-2731/C3274A

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Yakov Belopolsky

Confirmation No.:

Application No.: 10/729,710

Group Art Unit: Not Yet Assigned

Filing Date: December 5, 2003

Examiner: Not Yet Assigned

For: SURFACE MOUNTED ELECTRICAL COMPONENTS AND METHOD FOR MOUNTING AND RETAINING SAME

DATE OF DEPOSIT: March 5, 2004

I HEREBY CERTIFY THAT THIS PAPER IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL, POSTAGE PREPAID, ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO THE UNITED STATES PATENT AND TRADEMARK OFFICE, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450.

TYPED NAME: Andrew J. Hagerty  
REGISTRATION NO.: 44,141

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).

- ☒ In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of

the above identified application as set forth in § 1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of request for continued examination under § 1.114, no additional fee is required.

☐ In accordance with § 1.129(a), this Information Disclosure Statement is being filed in connection with ☐ the first or ☐ second After Final Submission, therefore:

☐ Certification in Accordance with § 1.97(e) is attached; or

☐ The fee of \$180.00 as set forth in § 1.17(p) is attached.

☐ In accordance with § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in § 1.97(b) above but before the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311, or before an action that otherwise closes prosecution in the application, therefore:

☐ Certification in Accordance with § 1.97(e) is attached;

or

☐ The fee of \$180.00 as set forth in § 1.17(p) is attached.

☐ In accordance with § 1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with § 1.97(e); and the submission fee of \$180.00 as set forth in § 1.17(p).

- ☐ Copies of each of the references listed on the attached Form PTO-1449 are enclosed herewith.
- ☐ Copies of references listed on the attached Form PTO-1449 are enclosed herewith
- ☐ Copies of references listed on the attached Form PTO 1449 are not required to be submitted pursuant to the June 30, 2003 recent revisions to 37 CFR § 1.98(a)(2)(i).

## EXCEPT THAT:

- ☐ In view of the voluminous nature of references [list as appropriate], and the likelihood that these references are available to the Examiner, copies are not enclosed herewith.
- ☒ In accordance with § 1.98(d), copies of the following references listed on the attached Form PTO-1449 are not enclosed herewith because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application(s) for which a claim for priority under 35 U.S.C. § 120 have been made in the instant application:
  - ☒ Copies of references **1 thru 52** listed on the attached Form PTO-1449 were previously cited by or submitted to the Patent and Trademark Office in prior Application No. **10/255,312**, filed **September 26, 2002**.



DOCKET NO.: FCI-2731/C3274A

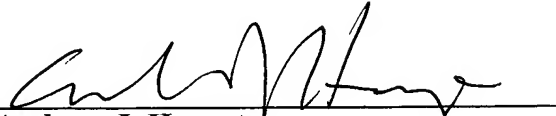
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PATENT

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.

There are no listed references which are not in the English language.

Date: *March 5, 2004*

  
**Andrew J. Hagerty**  
Registration No. **44,141**

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<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office	Docket No. <b>FCI-2731/C3274A</b>	Application No. <b>10/729,710</b>
	Applicant <b>Yakov Belopolsky</b>	
	Filing Date <b>December 5, 2003</b>	Group <b>Not Yet Assigned</b>

### U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
	1	60/160,482- U.S. Provisional Patent Appl. Filed: October 19, 1999				
	2	6,527,587	03/04/03	Ortega, et al.	439	608
	3	5,772,451	06/30/98	Dozier, II, et al.	439	70
	4	5,831,825	11/03/98	Fromont	361	719
	5	5,938,451	08/17/99	Rathburn	439	66
	6	5,978,229	11/02/99	Kim	361	760
	7	6,037,044	03/14/00	Giri, et al.	428	209
	8	6,116,926	09/12/00	Ortega, et al.	439	108
	9	4,536,955	08/27/85	Gudgeon	29	840
	10	4,767,344	08/30/88	Noschese	439	83

### FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
	11	WO 98/15991	04/16/98	PCT		
	12	WO 98/15989	04/16/98	PCT		
	13	WO 97/43885	11/20/97	PCT		
	14	WO 97/44859	11/27/97	PCT		

<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
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<b>U. S. PATENT DOCUMENTS</b>							
Examiner Initial		Document No.	Date	Name	Class	Subclass	
	15	5,637,008	06/10/97	Kozel	439	342	
	16	5,742,484	04/21/98	Gillette, et al.	361	789	
	17	5,874,776	02/23/99	Kresge, et al.	257	747	
	18	5,876,219	03/02/99	Taylor, et al.	439	74	
	19	5,883,782	03/16/99	Thurston, et al.	364	704	
	20	5,888,884	03/30/99	Wojnarowski	438	462	
	21	5,955,888	09/21/99	Frederickson, et al.	324	761	
	22	5,691,041	11/25/97	Frankeny et al.	428	209	
	23	5,755,595	5/26/98	Davis et al.	439	607	
	24	5,919,050	7/06/99	Kehley et al.	439	71	
<b>FOREIGN PATENT DOCUMENTS</b>							
Examiner Initial		Document No.	Date	Country	Translation		
					YES	NO	
	25	JP 08 125 379	05/17/96	Japan	X(Abstract)		
	26	JP 2 28990	01/31/90	Japan	X(Abstract)		
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<b>U. S. PATENT DOCUMENTS</b>							
Examiner Initial		Document No.	Date	Name	Class	Subclass	
	27	5,984,726	11/16/99	Wu	439	607	
	28	6,012,948	01/11/00	Wu	439	567	
	29	6,089,878	7/18/00	Meng	439	79	
	30	6,174,198 B1	01/16/01	Wu et al.	439	541.5	
	31	6,183,301 B1	2/06/01	Paagman	439	608	
	32	6,220,895, B1	04/24/01	Lin	439	607	
	33	4,217,024	08/12/80	Aldridge, et al.	339	275	
	34	5,743,009	04/28/98	Matsui, et al.	29	843	
	35	5,810,607	09/22/98	Shih, et al.	439	66	
	36	4,878,611	11/07/89	LoVasco, et al.	228	180.2	
	37	5,214,308	05/25/93	Nishiguchi, et al.	257	692	
	38	5,490,040	02/06/96	Gaudenzi, et al.	361	773	
	39	6,196,871 B1	03/06/01	Szu	439	571	
	40	6,152,756	11/28/00	Huang, et al.	439	342	
<b>FOREIGN PATENT DOCUMENTS</b>							
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U. S. PATENT DOCUMENTS						
Examiner Initial		Document No.	Date	Name	Class	Subclass
	41	5,261,593	11/16/93	Casson, et al.	228	180.22
	42	5,729,896	03/24/98	Dalal, et al.	29	840
	43	5,735,452	04/07/98	Yu, et al.	228	254
	44	5,796,590	08/18/98	Klein	361	774
	45	5,969,945	10/19/99	Cutting, et al.	361	704
	46	6,325,644 B1	12/04/01	Lemke, et al.	439	83
	47	6,529,385 B1	03/04/03	Brady, et al.	361	766
	48	6,544,046 B1	04/08/03	Hahn, et al.	439	83
	49	5,751,556	05/12/98	Butler, et al.	361	773
	50	5,893,725	04/13/99	Bhansali, A.	438	108
	51	5,086,966	02/11/92	Melton, et al.	228	208

FOREIGN PATENT DOCUMENTS						
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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
	52	Ray, S. et al., "Clasp Ceramic Column Grid Array Technology for Flip Chip Carriers", <i>Advanced Packaging Technologies Tutorial-Semicon</i> , 1999, A1-A7	
<b>EXAMINER</b>		<b>DATE CONSIDERED</b>	